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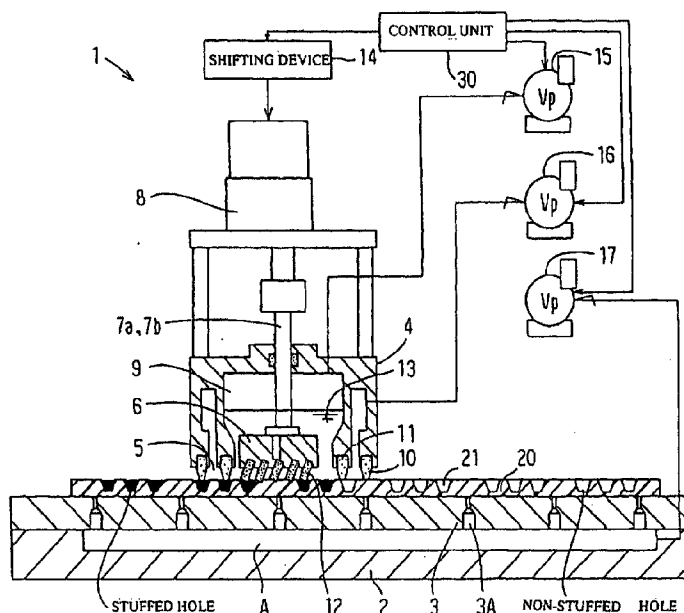
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(54) **Fluid material filling apparatus and related filling method**

(57) A vacuum pump 16 depressurizes a scavenging chamber 5 to discharge the air or gas residing in a via hole 21. Then, a paste chamber 9 provided adjacent to the scavenging chamber 5 moves on the scavenged via hole 21. A squeezing unit 6 provided in the paste

chamber 9 pushes a conductive paste 13 into the via hole 21. Keeping the inside space of the via hole 21 in a depressurized condition is effective to let the conductive paste 13 enter deeply into the via hole 21. The inside space of the via hole 21 is entirely filled with the conductive paste 13.

FIG. 1





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EUROPEAN SEARCH REPORT

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EP 02 02 1126

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Place of search THE HAGUE		Date of completion of the search 18 February 2004	Examiner Deconinck, E
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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